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CLAIMS:

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- 1. A method for the self-testing of a reference voltage in electronic components, characterized in that the reference voltage (U_{ref}) is fed to a voltage-controlled oscillator whose output forms the input to a Wien-Robinson bridge whose output signal is checked in a phase detector for its phase shift relative to the input to the Wien-Robinson bridge to check the balance of the Wien-Robinson bridge, the Wien-Robinson bridge being set to be balanced at a frequency ($\Omega_{ref.test}$) that is generated in the oscillator at the nominal value ($U_{ref.test}$) selected for the reference voltage, and a pass signal is generated if the bridge is balanced and a fail signal is generated if it is not.
- A circuit arrangement for the self-testing of a reference voltage (U_{ref}) in electronic components, characterized in that it has a voltage-controlled oscillator whose output voltage is fed to a Wien-Robinson bridge whose output forms the input to a phase detector, the bridge being set to be balanced at a frequency (Ω_{ref.test}) that is generated in the oscillator at the nominal value (U_{ref.test}) selected for the reference voltage and the output of the phase detector generates a fail signal if a threshold value is exceeded, and a pass signal if it is not.